

Storm Data and Unusual Weather Phenomena

October 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Milam County									
Gause	17	1749CST			0	0			Hail (0.75)
Erath County									
Lingleville	21	0622CST			0	0			Hail (1.00)
<p>A warm, moist and very unstable air mass had established itself over northern Texas on the 20th and 21st. A strong capping inversion over the area inhibited thunderstorm development on the 20th but the cap was weakened early on the 21st as an upper level trough shifted into the Southern Plains. Thunderstorms developed along a Pacific cold front in the western portions shortly before sunrise, then moved ahead of the boundary into the highly unstable air mass. Low level wind shear was conducive for some of the storms to become supercell thunderstorms and one such storm moved across Hood, Johnson, southern Tarrant, Dallas, and Rockwall Counties between 0600 CST and 1000 CST. Extensive damage from downbursts and tornadoes, and hail up to golfball size occurred with this storm. Another supercell developed on the front over Stephens County during the mid-morning hours. This storm moved across Palo Pinto, Parker, Tarrant, Dallas, Rockwall, Kaufman and Van Zandt Counties with hail up to baseball size and damaging microbursts. Other severe thunderstorms redeveloped along the front as it moved into the central portions of the area around midday. One of these storms became a supercell over western Tarrant County and hail to softball size and damaging downbursts occurred as it tracked across Tarrant, southeast Denton and Collin Counties. By early afternoon, an outflow boundary from the morning's thunderstorm activity had pushed into the southern portion of North Texas and extended near a Waxahachie to Comanche line. Two tornadic supercells developed and tracked east-northeast along the boundary across Comanche, Hamilton, Bosque, Hill and Ellis Counties. Hail to baseball size and at least four brief tornadoes were produced by these storms.</p> <p>By early evening, the Pacific front had pushed into east Texas, ending much of the thunderstorm activity over north central Texas. This activity, however, redeveloped over the area later in the evening as an arctic front and a strong upper level disturbance approached. A few of the storms that formed above the shallow arctic air mass briefly became severe producing nickel to quarter size hail.</p>									
Erath County									
3 W Morgan Mill	21	0630CST			0	0			Hail (1.00)
Hood County									
4 S Granbury	21	0700CST 0705CST	0.5	40	0	0	40K		Tornado (F1)
A tornado blew down a sign, uprooted trees, moved a trailer off its foundation and took the south side of a residence off.									
Parker County									
Weatherford	21	0700CST			0	0	50K		Hail (1.75)
Golfball size hail damaged windshields and cars, and killed an emu.									
Hood County									
Granbury	21	0707CST			0	0			Hail (1.00)
Johnson County									
Godley	21	0735CST			0	0			Hail (1.50)
Johnson County									
Joshua	21	0738CST			0	0			Hail (0.75)
Tarrant County									
Crowley	21	0745CST			0	0	150K		Thunderstorm Wind (G70)
Wind gusts to 80 mph blew in hangar doors and damaged at least six airplanes at Fort Worth Spinks Airport.									
Johnson County									
Burleson	21	0750CST			0	0			Hail (1.75)
Johnson County									
Burleson	21	0750CST			0	0			Thunderstorm Wind (G70)
Palo Pinto County									
Palo Pinto	21	0830CST			0	0			Hail (0.75)
Dallas County									
Dallas	21	0835CST 0837CST	0.5	50	0	7	3M		Tornado (F1)
A tornado ripped portions of the roof off an apartment complex, damaged 225 apartment units and injured 7 people. Serious damage occurred to cars and buildings due to flying debris. A mobile home was blown into the road.									
Tarrant County									
Eagle Mtn Lake	21	0842CST			0	0			Hail (0.75)
Palo Pinto County									
Mineral Wells	21	0842CST			0	0			Hail (0.75)

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TEXAS, North								
Dallas County								
Mesquite	21	0845CST 0846CST	0.1	35	0	1	120K	Tornado (F0)
								A tornado lifted much of the roof off a residence, blew down 100 to 200 power lines, overturned a trailer, blew down 10 chimneys, and blew the glass out of a business. The flying glass injured a child.
Parker County								
Weatherford	21	0915CST			0	0		Hail (1.75)
Parker County								
3 E Weatherford	21	0917CST			0	0		Hail (2.00)
Parker County								
Anneta	21	0920CST			0	0		Hail (1.75)
Rockwall County								
Rockwall	21	0922CST			0	0		Thunderstorm Wind (G52)
Tarrant County								
Ft Worth	21	0930CST			0	0	1M	Hail (2.00)
								Large hail damaged 500 new vehicles at an auto dealership on the west side of town.
Parker County								
Aledo	21	0931CST			0	0	10K	Hail (2.75)
								Baseball size hail broke windows.
Eastland County								
Eastland	21	0935CST			0	0		Hail (1.75)
Eastland County								
Eastland	21	0940CST			0	0	70K	Hail (1.75)
								Golfball size hail caused minor damage to about 70 cars at various dealerships.
Tarrant County								
Ft Worth	21	0947CST			0	0		Hail (0.75)
Tarrant County								
Ft Worth	21	0950CST			0	0		Hail (1.75)
Tarrant County								
Ft Worth	21	1005CST			0	0		Thunderstorm Wind (G52)
								60 mph winds were reported in Edgecliff Village.
Erath County								
Thurber	21	1010CST			0	0		Hail (1.75)
Erath County								
2 S Thurber	21	1010CST 1012CST	0.1	30	0	0		Tornado (F0)
								A motorist reported a brief tornado touchdown.
Tarrant County								
Bedford	21	1014CST			0	0		Hail (1.00)
Tarrant County								
Bedford	21	1014CST			0	0		Thunderstorm Wind (G52)
Tarrant County								
Hurst	21	1015CST			0	0		Hail (0.75)
Erath County								
6 NW Morgan Mill	21	1020CST			0	0		Hail (1.75)
Dallas County								
Irving	21	1027CST			0	0		Hail (1.00)
Dallas County								
Coppell	21	1030CST			0	0		Hail (1.75)
Erath County								
5 N Morgan Mill	21	1035CST			0	0		Hail (1.75)

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TEXAS, North									
Palo Pinto County									
5 E Gordon	21	1035CST			0	0	50K		Hail (1.75)
			Golfball size hail damaged cars on I-20.						
Tarrant County									
Grapevine	21	1040CST			0	0			Hail (1.50)
Dallas County									
Irving	21	1043CST			0	0			Hail (1.50)
Dallas County									
Addison	21	1043CST			0	0			Hail (1.00)
Dallas County									
Addison	21	1043CST			0	0			Thunderstorm Wind (G52)
Hunt County									
Quinlan	21	1045CST			0	0	2K		Thunderstorm Wind
			Power lines were blown down.						
Collin County									
Plano	21	1050CST			0	0	3K		Thunderstorm Wind
			A billboard was blown down onto power lines.						
Collin County									
Plano	21	1050CST			0	0			Hail (0.75)
Hood County									
3 E Granbury	21	1120CST			0	0			Hail (1.00)
Parker County									
4 S Weatherford	21	1120CST			0	0	20K		Hail (2.75)
			Baseball size hail pulverized a mobile home.						
Wise County									
Boyd	21	1120CST			0	0			Hail (1.00)
Tarrant County									
Mansfield	21	1121CST			0	0			Hail (2.00)
Tarrant County									
Benbrook	21	1138CST			0	0			Hail (0.75)
Tarrant County									
Ft Worth	21	1139CST			0	0			Hail (1.75)
Johnson County									
Burleson	21	1140CST			0	0			Hail (1.00)
Dallas County									
Cedar Hill	21	1140CST			0	0			Hail (1.00)
Tarrant County									
Ft Worth	21	1156CST			0	0			Hail (1.00)
Dallas County									
Dallas	21	1203CST 1245CST			0	0			Flash Flood
			Portions of frontage roads near Central Expressway were flooded.						
Tarrant County									
6 NW Mansfield	21	1215CST			0	0			Hail (0.88)
Tarrant County									
Arlington	21	1220CST 1320CST			0	0			Flash Flood
			Heavy rain caused water to flow over roads.						
Dallas County									
Grand Prairie	21	1220CST 1300CST			0	0			Flash Flood

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TEXAS, North									
									Heavy rain caused water to cover roads.
Dallas County Irving	21	1230CST			0	0			Hail (1.00)
Dallas County Dallas	21	1230CST			0	0			Hail (2.00)
									Hail larger than golfball size was reported on the west side of town.
Comanche County 8 S Comanche	21	1230CST			0	0			Hail (0.75)
Dallas County Dallas	21	1240CST			0	0			Hail (1.50)
Lamar County 4 SE Paris	21	1250CST			0	0	2K		Thunderstorm Wind (G61)
									Power lines were blown down by winds estimated at 70 mph.
Rockwall County Rockwall	21	1255CST			0	0			Hail (1.00)
Kaufman County 8 W Terrell	21	1315CST			0	0			Hail (1.00)
Hamilton County Hico	21	1320CST			0	0			Hail (0.75)
Erath County 3 E Clairette	21	1325CST			0	0			Hail (0.75)
Rains County 5 NE Emory	21	1325CST			0	0			Hail (0.75)
Bosque County Morgan	21	1330CST			0	0			Hail (1.75)
Kaufman County Terrell	21	1333CST			0	0			Hail (1.00)
Tarrant County Lake Worth Vlg	21	1353CST			0	0			Hail (1.00)
Tarrant County Ft Worth	21	1354CST			0	0			Hail (0.88)
									Nickel size hail fell at the National Weather Service Forecast Office on the north side of town.
Rains County Emory	21	1355CST			0	0			Hail (0.75)
Tarrant County South Lake	21	1405CST			0	0			Hail (1.75)
Tarrant County Colleyville	21	1405CST			0	0			Hail (1.00)
Tarrant County North Richland Hills	21	1406CST			0	0			Hail (1.00)
Tarrant County Grapevine	21	1407CST			0	0			Hail (1.75)
Tarrant County Grapevine	21	1410CST			0	0	400K		Hail (4.50)
									Baseball to softball size hail damaged automobiles, homes and businesses.
Hamilton County 3 NE Hamilton	21	1415CST 1416CST	0.1	30	0	0			Tornado (F0)
									A brief tornado touchdown was reported.

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TEXAS, North									
Van Zandt County									
Wills Pt	21	1420CST			0	0			Hail (0.75)
Denton County									
Lewisville	21	1420CST			0	0	100K		Hail (4.50)
									Baseball to softball size hail damaged automobiles, businesses and homes.
Dallas County									
Coppell	21	1427CST			0	0			Hail (1.75)
Dallas County									
Carrollton	21	1430CST			0	0			Hail (1.00)
Hamilton County									
Hico	21	1430CST			0	0			Hail (0.75)
Bosque County									
Morgan	21	1430CST			0	0			Hail (1.75)
Bosque County									
Kopperl	21	1430CST 1431CST	0.1	30	0	0			Tornado (F0)
									A brief tornado touchdown was reported.
Bosque County									
Meridian	21	1433CST			0	0			Hail (2.25)
Collin County									
Plano	21	1435CST			0	0			Hail (2.00)
Hill County									
5 SE Blum	21	1440CST			0	0			Hail (1.75)
Hamilton County									
Hamilton	21	1445CST			0	0			Hail (0.75)
Hill County									
Osceola	21	1445CST 1446CST	0.1	30	0	0			Tornado (F0)
									A brief tornado touchdown was reported.
Collin County									
Plano	21	1450CST			0	0			Hail (2.00)
Hill County									
Osceola	21	1450CST			0	0			Hail (1.75)
Hill County									
Itasca	21	1500CST			0	0			Hail (1.75)
Bosque County									
3 S Meridian	21	1510CST			0	0			Hail (1.00)
Hill County									
5 S Itasca	21	1515CST			0	0			Hail (1.00)
Hill County									
Osceola	21	1515CST			0	0			Hail (0.75)
Ellis County									
Maypearl	21	1515CST			0	0			Hail (0.88)
Ellis County									
Italy	21	1522CST			0	0			Hail (0.75)
Ellis County									
Avalon	21	1522CST			0	0			Hail (1.00)
Ellis County									
Waxahachie	21	1527CST			0	0			Hail (0.75)

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<u>TEXAS, North</u>									
Hamilton County									
Indian Gap	21	1530CST			0	0			Hail (1.00)
Hill County									
Hillsboro	21	1552CST			0	0			Hail (1.00)
Hill County									
Malone	21	1605CST			0	0			Hail (1.75)
Navarro County									
Blooming Grove	21	1605CST			0	0			Thunderstorm Wind (G52)
Ellis County									
Palmer	21	1608CST			0	0			Hail (1.00)
Kaufman County									
Rosser	21	1620CST			0	0			Thunderstorm Wind (G52)
		Large tree limbs were blown down.							
Kaufman County									
4 S Kaufman	21	1628CST			0	0			Hail (0.75)
Navarro County									
2 W Corsicana	21	1635CST			0	0			Hail (1.00)
Van Zandt County									
Whiton	21	1640CST			0	0			Hail (0.75)
Henderson County									
Eustace	21	1640CST			0	0			Hail (1.75)
Lampasas County									
6 S Lometa	21	1650CST			0	0			Thunderstorm Wind (G52)
Van Zandt County									
Canton	21	1655CST			0	0			Hail (0.75)
Henderson County									
Malakoff	21	1700CST			0	0			Hail (1.75)
Coryell County									
King	21	1710CST			0	0			Hail (0.75)
Henderson County									
Athens	21	1712CST			0	0			Hail (0.75)
Young County									
8 NW Newcastle	21	1901CST			0	0			Hail (0.88)
Young County									
Olney	21	1908CST			0	0			Hail (0.88)
Freestone County									
Donie	21	2000CST			0	0			Hail (0.75)
Anderson County									
8 W Palestine	21	2021CST			0	0			Thunderstorm Wind (G52)
Leon County									
Buffalo	21	2040CST			0	0			Hail (0.75)
Limestone County									
Groesbeck	21	2040CST			0	0			Thunderstorm Wind (G52)
Anderson County									
Palestine	21	2047CST			0	0			Hail (0.75)
Dallas County									
Lancaster	21	2110CST			0	0			Hail (1.00)

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TEXAS, North									
Dallas County									
Lancaster	21	2112CST			0	0			Hail (1.75)
Tarrant County									
Ft Worth	27	2010CST 2130CST			0	0	4K		Flash Flood
Widespread 3 to 6 inch rainfall amounts in a couple hours resulted in serious urban flooding. Cars were flooded south of the mix-master on I-35.									
Dallas County									
Grand Prairie	27	2010CST 2130CST			0	0	4K		Flash Flood
Cars were reported flooded by high water.									
Tarrant County									
Watauga	27	2015CST 2130CST			0	0	4K		Flash Flood
Cars were reported flooded on Hightower Road.									
Johnson County									
Cleburne	27	2040CST 2200CST			0	0			Flash Flood
Street flooding was reported in town.									
Tarrant County									
Ft Worth	27	2054CST 2200CST			0	0			Flash Flood
Oakwood Crossing at Dearcreek Road was reported impassable due to high water.									
Johnson County									
Burleson	27	2115CST 2230CST			0	0			Flash Flood
Water was reported over the bridge at Highway 287 and Nelson.									
Johnson County									
Cleburne	27	2120CST 2300CST			0	0			Flash Flood
Water was reported over Highway 67.									
Collin County									
Frisco	27	2120CST 2300CST			0	0			Flash Flood
A woman was trapped in her car when her car stalled in high water.									
Dallas County									
Dallas	27	2217CST 2330CST			0	0			Flash Flood
Water was up to the bridge on Rowlett Creek on Little Road.									
Ellis County									
4 N Palmer	27 28	2332CST 0100CST			0	0			Flash Flood
A service road on I-45 was reported flooded.									
Wise County									
2 SE Bridgeport	28	0630CST 0800CST			0	0	6K		Flash Flood
At least two cars were washed off Highway 114.									
Jack County									
Perrin	28	0655CST 0800CST			0	0			Flash Flood
Water was reported over a few roads around town.									
Jack County									
Vineyard	28	0745CST 0900CST			0	0			Flash Flood
Roads were closed in and around town.									
Denton County									
Krum	28	0830CST 1000CST			0	0			Flash Flood

